

REMARKS

Favorable reconsideration of this application, in light of the following discussion, is respectfully requested.

Claims 1-7 are currently pending. No claims have been amended herewith.

In the outstanding Office Action, Claims 1-7 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 6,571,284 to Suonvieri (hereinafter “the ‘284 patent”).

Claim 1 is directed to a radio relay apparatus for relaying communications between a base station and a mobile station and transmitting monitoring information including a formal identification code thereof to a monitoring apparatus and a mobile communication system, comprising: (1) a determination unit configured to determine a first identification code used at a temporary identification code of the radio relay apparatus, the first identification being determined in conjunction with an identification of the base station that serves as a target to be relayed to/from by the radio relay apparatus; and (2) a receiver configured to receive a second identification code determined by the monitoring apparatus, the monitoring apparatus determining the second identification code based on the first identification code, the second identification code being determined to be different from identification codes of other radio relay apparatuses. Further, Claim 1 recites that the second identification code is used as the formal identification code of the radio relay apparatus. As a non-limiting example, Applicants refer to Figure 1 for an example of the claimed radio relay apparatus.

Applicants respectfully traverse the rejection of Claim 1 (and dependent Claims 2-4) as anticipated by the ‘284 patent.

The ‘284 patent is directed to a method for managing repeaters in a telecommunication network, the network including base stations for wireless transmission; repeaters for repeating and amplifying the wireless transmission from and to the base

stations; and a network management center for changing the configuration of the base stations to correspond to a base station plan received by the network management center. In particular, the '284 patent discloses that the method includes (1) adding a database that includes data on the repeaters including at least an identifier of a base station that the wireless transmission of which the repeater repeats and amplifies; (2) making a repeater plan for changing the parameters of the repeater to correspond to a change configuration of the base stations; and (3) sending each repeater an update message containing parameters for reconfiguring the repeater to correspond to the repeater plan. See Figure 3, which shows the repeater plan A; repeaters R1, R2, and R3; and separate update messages B1, B2, and B3. In particular, the '284 patent discloses that the database of the network management system includes, for each repeater, the identifier of the base station corresponding to the repeater concerned, a repeater identifier, a contact number, and parameter values. Further, the '284 patent discloses that the new base station plan is used for changing the parameter values of the repeaters to correspond to the base station plan, which allows for reconfiguring the repeater substantially simultaneously with the respective base stations so that the frequencies at the base stations and at the repeaters repeating their signals are the same.¹

However, Applicants respectfully submit that the '284 patent fails to disclose a determination unit configured to determine a first identification code used as a temporary identification code of the radio relay apparatus, the first identification code being determined in conjunction with an identification code of the base station by the radio relay apparatus, as recited in Claim 1. Using the analogy set forth in the Office Action, the '284 patent does not disclose that a repeater has a determination unit that determines a first identification code that is used as a temporary identification code of the repeater. The '284 patent does not disclose that the repeater determines any identification codes. Rather, the '284 patent discloses that

¹ See '284 patent, column 2, lines 33-52.

the repeaters receive an update message for updating parameters, which are sent by the network management center. While the ‘284 patent discloses that an identifier of a repeater is stored in the database at the network management center, nothing in the ‘284 patent teaches or suggests that a repeater in the ‘284 system includes a determination unit that determines an identification code as a temporary identification code in conjunction with an identifier code of the base station. Rather, the ‘284 patent merely discloses a mechanism whereby the parameter values of the repeaters are updated based on a base station plan, for example, to have appropriate frequencies used by the base station and the repeaters.

In this regard, Applicants note that the outstanding Office Action refers to Figure 3 and column 6, lines 20-44 as teaching the determination unit and states that “Suonvieri’s identification is temporary, lasting only until a network update.”² However, Applicants note that the outstanding Office Action does not specifically address the claimed temporary identification code recited in Claim 1. Moreover, Applicants respectfully submit that the parameter values recited in the ‘284 patent cannot be used to read on the claimed identification codes, since the ‘284 patent separately refers to “a repeater identifier.”³ Moreover, the ‘284 parameter values are updated by the network management center, not the repeaters.

Further, Applicants respectfully submit that the ‘284 patent fails to disclose a receiver configured to receive a second identification code determined by the monitoring apparatus, the monitoring apparatus determining the second identification code based on the first identification code. Since the ‘284 patent does not disclose the first identification code, it cannot disclose the second identification code, which is determined based on the first identification code. As discussed above, the ‘284 patent merely discloses a plan that is used

² See page 2 of the outstanding Office Action.

³ See the ‘284 patent, column 2, line 37.

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to change repeater parameters, but the '284 patent does not disclose the first identification code, the second identification code, or the temporary identification code recited in Claim 1.

Accordingly, for the reasons stated above, Applicants respectfully traverse the rejection of Claim 1 (and all associated dependent claims) as anticipated by the '284 patent. Independent Claims 5 and 7 recite limitations analogous to the limitations recited in Claim 1. Accordingly, for reasons analogous to the reasons stated above for the patentability of Claim 1, Applicants respectfully traverse the rejection of Claims 5 and 7 (and all associated dependent claims) as anticipated by the '284 patent.

Thus, it is respectfully submitted that independent Claims 1, 5, and 7 (and all associated dependent claims) patentably define over the '284 patent.

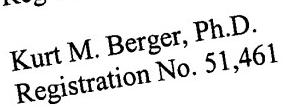
Consequently, in light of the above discussion, the outstanding grounds for rejection are believed to have been overcome. The present application is believed to be in condition for formal allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

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